

Claims:

1. A grid connector locking mechanism comprising: /
a device to be mounted,
a wire grid,
an extension projecting from the device to be mounted,
wherein the extension has a top surface that is larger than a base connected to the device to be mounted,
a gap between the top surface of the extension and the device to be mounted,
wherein the extension is smaller in dimensions than openings in the wire grid,
wherein the extension passes through the openings in the wire grid until the gap is in the plane of the wire grid,
wherein the extension and device to be mounted are rotated roughly 45 degrees,
one or more undercuts on an underside of the top surface for receiving the wire grid, and
wherein the wire grid is locked between the undercuts and the device to be mounted.
2. The apparatus of claim 1, wherein the extension is square shaped.
3. The apparatus of claim 1, wherein the device to be mounted is mounted on a vertical grid.
4. The apparatus of claim 1, wherein the undercuts are located on opposite corners of the extension.
5. The apparatus of claim 1, wherein the extension is integrally molded with the device to be mounted.
6. The apparatus of claim 1, wherein the extension is separately attached to the device to be mounted.

7. The apparatus of claim 1, wherein the locking mechanism is split in half, forming two equilateral halves.

8. The apparatus of claim 7, further comprising a protrusion on one half of the locking mechanism and a corresponding receptacle on the opposite half of the locking mechanism.

9. The apparatus of claim 8, wherein the protrusion fits into the receptacle to create a locked, complete locking mechanism.

10. A bait trap comprising: /
first and second halves for forming a complete cylindrical container,
top, bottom and side surfaces of the cylindrical container,
one or more openings in the side surface of the cylindrical container,
one or more hinges for connecting the first half to the second half,
raised regions for improving grip, and
protrusions and tabs on edges of the side surfaces of the first and second halves for locking the cylindrical container closed.

11. The apparatus of claim 10, further comprising protrusions and tabs on edges of the top and bottom surfaces of the first and second halves for locking the cylindrical container closed.

12. The apparatus of claim 10, wherein the bait trap is used inside fishing traps.

13. The apparatus of claim 10, wherein the cylinder is plastic.

14. The apparatus of claim 10, wherein the one or more openings are rectangular.

15. The apparatus of claim 10, wherein the one or more openings are arranged in rows.

16. The apparatus of claim 10, wherein the raised regions are concentric ridges on the top and bottom surfaces of the cylindrical container.

17. The apparatus of claim 10, wherein the raised regions are dimples along the outside surface of the cylindrical container.

18. The apparatus of claim 10, wherein the one or more hinges are three hinges.

19. The apparatus of claim 10, further comprising a loop for hanging the apparatus when not in use.

20. The apparatus of claim 10, wherein the hinges are vertical bars on half of the cylindrical container that lock into half circle depressions on the opposite half of the cylindrical container.

21. The apparatus of claim 10, wherein the first and second halves are closed by pushing two halves together and locking the protrusions into the tabs.

22. The apparatus of claim 10, wherein the first and second halves are opened by applying pressure to the top and bottom surfaces and pulling the first and second halves away from one another.

23. A bait trap with locking mechanism comprising:
first and second halves for forming a complete cylindrical container,
top, bottom and side surfaces of the cylindrical container,
one or more openings in the side surface of the cylindrical container,
one or more hinges connecting the first half to the second half,
raised regions for improving grip,
protrusions and tabs on edges of the side surfaces of the first and second halves for locking the cylindrical container closed,

protrusions and tabs on edges of the top and bottom surfaces of the first and second halves for locking the cylindrical container closed,
an extension projecting from the cylindrical container,
wherein the extension has a top surface that is larger than a base connected to the cylindrical container,
a gap between the top surface of the extension and the side surface of the cylindrical container,
wherein the extension is smaller in dimensions than openings in a wire grid,
wherein the extension passes through the openings in the wire grid until the gap is in the plane of the wire grid,
wherein the extension and device to be mounted are rotated roughly 45 degrees,
one or more undercuts on an underside of the top surface for receiving the wire grid, and
wherein the wire grid is locked into the undercuts.

24. The apparatus of claim 23, wherein the bait trap is used inside fishing traps.

25. The apparatus of claim 23, wherein the cylinder is plastic.

26. The apparatus of claim 23, wherein the one or more openings are rectangular.

27. The apparatus of claim 23, wherein the one or more openings are arranged in

rows.

28. The apparatus of claim 23, wherein the raised regions are concentric ridges on the top and bottom surfaces of the cylindrical container.

29. The apparatus of claim 23, wherein the raised regions are dimples along the outside surface of the cylindrical container.

30. The apparatus of claim 23, wherein the one or more hinges are three hinges.

31. The apparatus of claim 23, further comprising a loop for hanging the apparatus when not in use.

32. The apparatus of claim 23, wherein the hinges are vertical bars on half of the cylindrical container that lock into half circle depressions on the opposite half of the cylindrical container.

33. The apparatus of claim 23, wherein the first and second halves are closed by pushing two halves together and locking the protrusions into the tabs.

34. The apparatus of claim 23, wherein the first and second halves are opened by applying pressure to the top and bottom surfaces and pulling the first and second halves away from one another.

35. The apparatus of claim 23, wherein the extension is square shaped.

36. The apparatus of claim 23, wherein the device to be mounted is mounted on a vertical grid.

37. The apparatus of claim 23, wherein the undercuts are located on opposite corners of the extension.

38. The apparatus of claim 23, wherein the extensions are integrally molded with the device to be mounted.

39. The apparatus of claim 23, wherein the extensions are separately attached to the device to be mounted.

40. The apparatus of claim 23, wherein the locking mechanism is split in half, forming two equilateral halves.

41. The apparatus of claim 40, further comprising a protrusion on one half of the locking mechanism and a corresponding receptacle on the opposite half of the locking mechanism.

42. The apparatus of claim 41, wherein the protrusion fits into the receptacle to create a locked, complete locking mechanism.